

L Number	Hits	Search Text	DB	Time stamp
14	111	705/72.ccls.	USPAT	2004/06/07 12:33
15	40	705/73.ccls.	USPAT	2004/06/07 12:39
16	207	705/75.ccls.	USPAT	2004/06/07 12:39
17	187	705/75.ccls. not (705/72.ccls. or 705/73.ccls.)	USPAT	2004/06/07 12:43
18	113	(705/75.ccls. not (705/72.ccls. or 705/73.ccls.)) and (\$3pin or (personal adj identif\$7 adj number) or pass\$word or pass\$phrase)	USPAT	2004/06/07 13:09
19	121	((temporary or limit\$2 or restrict\$3 or one\$time) with (\$4pin or pass\$word or pass\$phrase or (personal adj identif\$7 adj (number or code)) or (access adj code)) with registration	USPAT	2004/06/07 13:52
20	10	((temporary or limit\$2 or restrict\$3 or one\$time) with (\$4pin or pass\$word or pass\$phrase or (personal adj identif\$7 adj (number or code)) or (access adj code)) with registration ) and (e\$email or (electronic adj mail)) and (web\$page or home\$page or internet)	USPAT	2004/06/07 13:16
21	1	"6607136"	USPAT	2004/06/07 13:16
22	9	((temporary or limit\$2 or restrict\$3 or one\$time) with (\$4pin or pass\$word or pass\$phrase or (personal adj identif\$7 adj (number or code)) or (access adj code)) with registration ) and (access near2 (instruction or application or detail or program))	USPAT	2004/06/07 13:53

L Number	Hits	Search Text	DB	Time stamp
1	106	(pass\$word or pass\$phrase or (\$5pin)) near2 (FTP or (file adj transfer))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/07 16:52
2	32	(pass\$word or pass\$phrase or (\$5pin)) near2 (FTP or (file adj transfer))	USPAT	2004/06/07 16:58
3	1	(pass\$word or pass\$phrase or (\$5pin)) with (FTP or (file adj transfer)) with (data\$base or data\$store)	USPAT	2004/06/07 17:00
4	128	(pass\$word or pass\$phrase or (\$5pin)) near2 (data\$base or data\$store) near2 (stor\$3 or hold\$3)	USPAT	2004/06/07 17:04
5	10	((pass\$word or pass\$phrase or (\$5pin)) near2 (data\$base or data\$store) near2 (stor\$3 or hold\$3)) and (FTP or (file adj transfer\$4 adj protocol))	USPAT	2004/06/07 17:25
6	24	(web\$page or home\$page or url) with (by or via) with (pass\$word or pass\$phrase or pin)	USPAT	2004/06/07 17:26
-	4514	(temporary or limited or casual) near2 (PIN or password or passphrase)	USPAT	2004/05/27 16:46
-	6	((temporary or limited or casual) near2 (PIN or password or passphrase)) and (context near3 (pin or password or passphrase))	USPAT	2004/05/27 16:31
-	0	(context adj sensitive) near2 pin	USPAT	2004/05/27 16:32
-	0	(context adj sensitive) near2 password	USPAT	2004/05/27 16:32
-	0	(context adj sensitive) near2 passphrase	USPAT	2004/05/27 16:32
-	110	((temporary or limited or casual) near2 (PIN or password or passphrase)) and (temporary or casual or limited) near2 (user or client)	USPAT	2004/05/27 16:33
-	186	"28" and (pin or passphrase or password) near2 (e\$mail or (electronic adj mail) or FTP for (file adj transfer adj protocol) or web\$page)	USPAT	2004/05/27 16:35
-	17	((temporary or limited or casual) near2 (PIN or password or passphrase)) and (temporary or casual or limited) near2 (user or client)) and (pin or passphrase or password) near2 (e\$mail or (electronic adj mail) or FTP for (file adj transfer adj protocol) or web\$page)	USPAT	2004/05/27 16:45
-	0	((temporary or limited or casual) near2 (PIN or password or passphrase)) and (electronic adj exchange)	USPAT	2004/05/27 16:46
-	6156	(temporary or limited or casual) near2 (PIN or password or passphrase)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/27 16:46
-	0	((temporary or limited or casual) near2 (PIN or password or passphrase)) and (electronic adj exchange)	USPAT	2004/05/27 16:47
-	119	((temporary or limited or casual) near2 (PIN or password or passphrase)) and (access near2 (application or program or interface))	USPAT	2004/05/27 16:54
-	37	((temporary or limited or casual) near2 (PIN or password or passphrase)) and (access near2 (application or program or interface)) and ((pin or passphrase or password) near2 (stor\$3 or hold\$3))	USPAT	2004/05/27 16:54

-	244	((temporary or limited or casual) near2 (PIN or password or passphrase)) and (access near2 (application or program or interface))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/27 16:54
-	71	((temporary or limited or casual) near2 (PIN or password or passphrase)) and (access near2 (application or program or interface))) and ((pin or passphrase or password) near2 (stor\$3 or hold\$3))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/27 17:43
-	13	"6112078"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/27 17:43
-	111	705/72.ccls.	USPAT	2004/06/07 12:33
-	40	705/73.ccls.	USPAT	2004/06/07 12:39
-	207	705/75.ccls.	USPAT	2004/06/07 12:39
-	187	705/75.ccls. not (705/72.ccls. or 705/73.ccls.)	USPAT	2004/06/07 12:43
-	113	(705/75.ccls. not (705/72.ccls. or 705/73.ccls.)) and (\$3pin or (personal adj identif\$7 adj number) or pass\$word or pass\$phrase)	USPAT	2004/06/07 13:09
-	121	(temporary or limit\$2 or restrict\$3 or one\$time) with (\$4pin or pass\$word or pass\$phrase or (personal adj identif\$7 adj (number or code)) or (access adj code)) with registration	USPAT	2004/06/07 13:52
-	10	((temporary or limit\$2 or restrict\$3 or one\$time) with (\$4pin or pass\$word or pass\$phrase or (personal adj identif\$7 adj (number or code)) or (access adj code)) with registration ) and (e\$email or (electronic adj mail)) and (web\$page or home\$page or internet)	USPAT	2004/06/07 13:16
-	1	"6607136"	USPAT	2004/06/07 13:16
-	9	((temporary or limit\$2 or restrict\$3 or one\$time) with (\$4pin or pass\$word or pass\$phrase or (personal adj identif\$7 adj (number or code)) or (access adj code)) with registration ) and (access near2 (instruction or application or detail or program))	USPAT	2004/06/07 14:39
-	22	guest adj (log\$3 or sign\$3)	USPAT	2004/06/07 14:45
-	66	guest near (log\$3 or sign\$3)	USPAT	2004/06/07 14:50
-	44	(guest near (log\$3 or sign\$3)) not (guest adj (log\$3 or sign\$3))	USPAT	2004/06/07 14:45
-	22	((guest near (log\$3 or sign\$3)) not (guest adj (log\$3 or sign\$3))) and (\$7pin or pin or pass\$word or pass\$phrase or (personal adj identif\$7 adj (code or number)) or (access adj (code or number)))	USPAT	2004/06/07 14:50

147: JAPIO Nov 1976-2004/Jan(Updated 040506)

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File 350:Derwent WPIX 1963-2004/UD,UM &UP=200434

(c) 2004 Thomson Derwent

Set	Items	Description
S1	354036	PIN OR PERSONAL()IDENTIFICATION()NUMBER? ? OR PASSWORD? ? - OR PASSCODE? ? OR PASSPHRASE? ? OR (PASS OR SECRET)() (WORD? ? OR CODE? ? OR PHRASE? ?) OR CODEWORD? ? OR CODE()WORD? ?
S2	732	S1(5N) (TEMP OR TEMPORARY OR TRANSIENT OR TRANSITORY OR ONE- TIME OR ONE()TIME)
S3	101	S2(5N) (GENERAT? OR ESTABLISH? OR CREAT???? OR FASHION? OR - CONSTRUCT? OR FORM?? OR FORMING OR FORMATION? ? OR PRODUC????? OR COMPUTE OR COMPUTES OR COMPUTED OR COMPUTING OR DERIV?)
S4	19	S3 AND ACCESS???
S5	82	S3 NOT S4
S6	2	S5 AND (WEBSITE? ? OR WEBPAGE? ? OR SITE? ? OR PAGE? ?)
S7	80	S5 NOT S6
S8	3	S7 AND INTERNET
S9	77	S7 NOT S8
S10	29	S9 AND IC=G06F?
S11	334396	UNREGISTER? OR REGISTER? OR REGISTRATION? ?
S12	49	S2 AND S11
S13	43	S12 NOT (S4 OR S6 OR S8 OR S10)
S14	76	S9 NOT S13
S15	61	S2(5N) (ISSUE? ? OR ISSUING OR PROVID?)
S15	44	S15 NOT S3

17/9/16 (Item 2 from File: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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02003218 51411241

**Bold storage**

Mochari, Ilan

Inc v22n4 PP: 116 Mar 14, 2000 CODEN: INCCDU ISSN: 0162-8968

JRNL CODE: INO

DOC TYPE: Periodical; Feature LANGUAGE: English RECORD TYPE: Fulltext

LENGTH: 1 Pages

WORD COUNT: 687

ABSTRACT: Last July, independent sales consultant Melissa McNatt was at home browsing the Web when she happened upon a link that offered document storage at its site. NetDocuments has a Web-site format that resembles an on-line E-mail account. Now when McNatt goes on the road she takes her consulting customers with her.

TEXT: Problem: Handling crucial files on the road

Solution: A Web site for storing them

Payoff: Bypassing the cost and security risks of laptops

AS REGIONAL SALES DIRECTOR for a Web-based company, Melissa McNatt twice a week left her cat and her apartment in the San Francisco suburb of San Bruno to make sales calls in Southern California. On the side, McNatt moonlighted as an independent sales consultant, helping smallbusiness owners with everything from sales letters to telephone scripts.

But with her PC firmly ensconced in San Bruno, McNatt faced a problem: how could she run her own business while she was on the road? "I was struggling with how to do it all from my home computer," she says.

Frequently, McNatt and her customers collaborated to develop sales letters or PowerPoint presentations.

To communicate--whether from home or from a computer at an airport or the nearest Kinko's--McNatt relied on E-mail attachments, which sometimes led to technical complications. "You can't do a fast download of a PowerPoint file," she says. "And small-business owners are paranoid as hell about getting viruses." To satisfy her customers, she often had to resort to sending printouts of drafts through the U.S. Mail--a time-consuming chore. And her lack of equipment on the road often hampered her wooing of new customers. If, say, she met a prospective customer in Los Angeles at a bar, she'd have to wait until the weekend to send a follow-up letter. "When you're selling, you want to close as fast as possible," she says, "before they get buyer's remorse."

Then last July, about five months after she'd begun consulting, McNatt was at home browsing the Web when she happened upon a link to a company that offered document storage at its site. NetDocuments, in Orem, Utah (888-297-2736; [www.netdocuments.com](http://www.netdocuments.com)), has a Web-site format that resembles that of an on-line E-mail account. After registering and getting a password, McNatt found herself in the "NetDocuments Inbox Folder." From there she clicked on a link that gave her access to the site's tools for creating new folders and subfolders. Once she'd created the folders, she clicked on "Add new items to this folder," and a box containing all the files on her hard drive popped up. With her mouse she simply highlighted the files she wanted to import into the various folders she'd created on NetDocuments and hit "OK" for the upload to begin.

Now when McNatt makes the trek south--or even to a local customer's office (she left her sales-director job in January to consult full-time)--she takes her consulting customers with her. From those same rentable computers, she logs on to NetDocuments not only to access her documents but also to share them with her customers through a feature called NetEnvelopes. NetEnvelopes works like an E-mail in-box with editing

capabilities. First, McNatt designates with whom she wants to share a document. Those parties receive an E-mail message telling them that the document is open and that they can log on at any time to view or edit it. The only hitch is that to get into a NetEnvelope, the user must be registered with NetDocuments and have a password. The site does, however, allow users to set up accounts for others: McNatt can register a customer's name and E-mail address, and that customer will receive a temporary user name and password to access the NetEnvelope.

For \$4.95 a month, users can get a premium service that gives them 100MB of storage space. McNatt, however, is satisfied with the 10MB she receives free. In addition to avoiding the costs of buying a laptop, she's built her own Web site without having to spring for the technology to make documents downloadable off the site. Visitors can learn about McNatt at her site ([www.jumpstartsales.com](http://www.jumpstartsales.com)) and go to NetDocuments to take advantage of her services once they've signed on as customers. And if she meets a prospective customer at a bar, she can walk down the street to Kinko's and personalize her best follow-up letter on NetDocuments in minutes. "Now my sales cycle is two days, whereas before it was seven or eight," she says.

10/5/2 (Item 2 from file: 347)  
DIALOG(R)File 347:JAPIO  
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07692958 \*\*Image available\*\*  
PASSWORD ISSUING SYSTEM AND AUTHENTICATION SYSTEM

PUB. NO.: 2003-186838 [JP 2003186838 A]  
PUBLISHED: July 04, 2003 (20030704)  
INVENTOR(s): TODOROKI KANEO  
APPLICANT(s): SONY ERICSSON MOBILECOMMUNICATIONS JAPAN INC  
APPL. NO.: 2001-387213 [JP 2001387213]  
FILED: December 20, 2001 (20011220)  
INTL CLASS: G06F-015/00 ; H04M-003/42; H04M-011/00

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide a new authentication system using a one-time password.

SOLUTION: In stead of providing a user authentication server device 5 in an enterprise using a one - time password , a one - time password generating server device 11 for issuing the one-time password is provided inside the enterprise such as a radio communication establishment side to configure an authentication system. The server device 11 specifies a user based on the owner information of a cellular phone 14 owned by the user to issue the one-time password for the enterprise, the server device 5 generates the one - time password by using the same program as that of the server device 11 and authenticates the user by checking the generated one - time password against the one - time password transmitted from the user.

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10/5/4 (Item 4 from file: 347)  
DIALOG(R)File 347:JAPIO  
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07429429 \*\*Image available\*\*  
TRANSACTION AUTHENTICATING METHOD, TRANSACTION AUTHENTICATING SYSTEM AND TRANSACTION AUTHENTICATING PROGRAM

PUB. NO.: 2002-297939 [JP 2002297939 A]  
PUBLISHED: October 11, 2002 (20021011)  
INVENTOR(s): HIKICHI RYOJI  
APPLICANT(s): CASIO ELECTRONICS CO LTD  
CASIO COMPUT CO LTD  
APPL. NO.: 2001-098595 [JP 200198595]  
FILED: March 30, 2001 (20010330)  
INTL CLASS: G06F-017/60 ; G06F-015/00 ; G09C-001/00; H04L-009/32

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide a transaction authenticating method, a transaction authenticating system, and a transaction authenticating program capable of preventing an illicit demand by a third person, and capable of realizing smooth electronic commerce.

SOLUTION: A user A places an order, and a person to be used B accepts an order (P1 and P2). An authenticating institution C performs personal authentication on the basis of an authenticating request (P3 and P4), generates a onetime password , and sends the password to the user A and the person to be used B (P4 and P5). The person to be used B informs the user A of acceptance of transactions, and sends a transaction authenticating request including the onetime password to the authenticating institution C (P6 and P7). The user A confirms the content of a transaction acceptance notice (P8), and sends a transaction authenticating request including the onetime password to the authenticating institution C (P9). The authenticating institution C compares the onetime passwords included in

the transaction authenticating requests received from the user A and the person to be used B, and executes transaction authenticating processing (10).

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10/5/5 (Item 5 from file: 347)  
DIALOG(R)File 347:JAPIO  
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07429037 \*\*Image available\*\*  
INFORMATION PROCESSING APPARATUS AND METHOD, INFORMATION PROCESSING SYSTEM,  
RECORDING MEDIUM AND PROGRAM

PUB. NO.: 2002-297547 [JP 2002297547 A]  
PUBLISHED: October 11, 2002 (20021011)  
INVENTOR(s): JITSUI HITOSHI  
APPLICANT(s): SONY CORP  
APPL. NO.: 2001-104327 [JP 2001104327]  
FILED: April 03, 2001 (20010403)  
INTL CLASS: G06F-015/00 ; H04L-009/32

#### ABSTRACT

PROBLEM TO BE SOLVED: To allow a portable terminal to authenticate with one time password for either authentication server without causing a plurality of authentication servers to synchronize data of a user.

SOLUTION: A portable terminal 2 generates one time password. Along with the one time password, a previous one time password for login, which is encoded by an encoding method capable of decoding only with an authentication server 1, is transmitted to the authentication server 1. The authentication server 1 operates to find the previous one time password from the received one time password. Furthermore, the previously encoded one time password is decoded, and the authentication processing is executed depending on whether the operated one time password is matched with the decoded one time password.

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10/5/8 (Item 8 from file: 347)  
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07314609 \*\*Image available\*\*  
METHOD FOR PERSONAL AUTHENTICATION

PUB. NO.: 2002-183095 [JP 2002183095 A]  
PUBLISHED: June 28, 2002 (20020628)  
INVENTOR(s): FURUKAWA ISAO  
APPLICANT(s): HITACHI LTD  
APPL. NO.: 2000-381683 [JP 2000381683]  
FILED: December 11, 2000 (20001211)  
INTL CLASS: G06F-015/00 ; G06K-017/00; G06K-019/10; H04L-009/32

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide a method for improving precision in personal authentication.

SOLUTION: An authentication means of a prestage generates a one time password and the password is inputted by dynamic authentication in a post-stage authentication. It is possible to realize remarkably precise authentication compared with the case of combining the respective prestage and post-stage and the case of combining these simply.

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10/5/9 (Item 9 from file: 347)  
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07264268 \*\*Image available\*\*  
ONE-TIME PASSWORD AUTHENTICATION SYSTEM

PUB. NO.: 2002-132728 [JP 2002132728 A]  
PUBLISHED: May 10, 2002 (20020510)  
INVENTOR(s): KONDO TAKESHI  
APPLICANT(s): K LABORATORY CO LTD  
APPL. NO.: 2000-330307 [JP 2000330307]  
FILED: October 30, 2000 (20001030)  
INTL CLASS: G06F-015/00 ; H04Q-007/38; H04L-009/32

#### ABSTRACT

PROBLEM TO BE SOLVED: To display a one-time password on a portable telephone installed with JAVA.

SOLUTION: The one-time password authentication system is provided with a means for **generating** JAVA program for displaying a **one - time password** for a user on the screen of a JAVA portable telephone terminal based on a **one - time password display program generation** request from the relevant user, a server for JAVA program download for preserving the JAVA program received from a sending means for JAVA program for a fixed period, determining the user corresponding to the download request from the user portable telephone and sending the correspondent JAVA program to that portable telephone, a means for reporting that the relevant JAVA program can be downloaded to the user after the program generation request from this user, and a means for initializing a one-time password display program on the JAVA portable telephone by a negotiation with a master managing device for the one-time password.

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10/5/11 (Item 11 from file: 347)  
DIALOG(R)File 347:JAPIO  
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07124656 \*\*Image available\*\*  
**ONE - TIME PASSWORD GENERATOR , AUTHENTICATION METHOD AND RECORDING MEDIUM WITH ONE - TIME PASSWORD GENERATING PROGRAM RECORDED THEREIN**

PUB. NO.: 2001-352324 [JP 2001352324 A]  
PUBLISHED: December 21, 2001 (20011221)  
INVENTOR(s): TATSUKE NOBORU  
APPLICANT(s): NEC CORP  
APPL. NO.: 2000-171333 [JP 2000171333]  
FILED: June 07, 2000 (20000607)  
INTL CLASS: H04L-009/32; G06F-015/00

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide a **one - time password generator** that can make retrieval of an encryption key and a count on the basis of **generating a one - time password** much more difficult in the case of employing the one-time password by a counter synchronous system.

SOLUTION: A random number **generating** section 38 in the **one - time password generator** generates a random number that is kept within a range smaller than a count M being a permissible count range when an authentication server 4 authenticates a password. A counter 33 advances its count according to the random number generated by the random number **generating** section 38. A **one - time password generating** section 34 uses an encryption key from an encryption key storage section 32 and the count from the counter 33 for parameters to conduct encryption processing and to **generate a one - time password**. Then the continuity of counts on the basis of the one-time password is lost and the interval of counts is

made at random.

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10/5/12 (Item 12 from file: 347)  
DIALOG(R)File 347:JAPIO  
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07028483 \*\*Image available\*\*  
INFORMATION PROCESSOR, INFORMATION PROCESSING SYSTEM, WORK PIECE USE  
ACCEPTING METHOD AND STORAGE MEDIUM

PUB. NO.: 2001-256117 [JP 2001256117 A]  
PUBLISHED: September 21, 2001 (20010921)  
INVENTOR(s): OTSUKI YASUSHI  
APPLICANT(s): CANON INC  
APPL. NO.: 2000-064619 [JP 200064619]  
FILED: March 09, 2000 (20000309)  
INTL CLASS: G06F-012/14 ; G06F-009/06

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide an information processor and a storage medium (medium) for arranging an environment for enabling one user to utilize only one piece of software or digital contents at one piece of terminal equipment, more surely protecting the right of an accepter side and enabling an accepted person to receive service suited to individual needs from a software maker or a contents provider.

SOLUTION: The medium 101 provided with areas 103 and 104 writable only once and the recording area 102 of the software and a microprocessor 118 incorporating a generation unit 112 for generating a one-time password for which the same one can not be generated twice and a ciphering/deciphering unit 108 cooperatively function.

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10/5/13 (Item 13 from file: 347)  
DIALOG(R)File 347:JAPIO  
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06948047 \*\*Image available\*\*  
AUTHENTICATION SYSTEM

PUB. NO.: 2001-175599 [JP 2001175599 A]  
PUBLISHED: June 29, 2001 (20010629)  
INVENTOR(s): KUNIKIYO YOSHIO  
APPLICANT(s): METRO INC  
APPL. NO.: 11-355466 [JP 99355466]  
FILED: December 15, 1999 (19991215)  
INTL CLASS: G06F-015/00 ; G06F-013/00 ; H04Q-007/38; H04L-009/32

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide a system and a method for authentication, which uses a one-time password easy to utilize for a user at a low cost.

SOLUTION: A user identification number, which is inputted by a user, peculiar for the user is acquired through a network, the one-time password, which is effective just once, is generated and a resource provider authenticates the user from the user identification number acquired through the network and the one-time password. Besides, the user is made input a password number together with the user identification number and in the case of generating the one-time password, the user identification number and the password number are mutually collated.

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10/5/14 (Item 14 from file: 347)  
DIALOG(R)File 347:JAPIO  
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06839825 \*\*Image available\*\*  
INFORMATION PRESENTATION ASSISTING METHOD AND RECORDING MEDIUM IN WHICH  
PROCEDURE THEREOF IS RECORDED

PUB. NO.: 2001-067320 [JP 2001067320 A]  
PUBLISHED: March 16, 2001 (20010316)  
INVENTOR(s): MATSUOKA AKIHIKO  
APPLICANT(s): RAILWAY TECHNICAL RES INST  
APPL. NO.: 11-238510 [JP 99238510]  
FILED: August 25, 1999 (19990825)  
INTL CLASS: G06F-015/00 ; H04L-009/32

#### ABSTRACT

PROBLEM TO BE SOLVED: To reduce unauthorized use of ciphering information by making the ciphering information complex by specifying a terminal to be used as well.

SOLUTION: In this information presentation assisting method, information acquisition information including a user ID21 and a one - time password creation program 22 is distributed from the server side 20 to the client side 10 based on information acquisition application when the information acquisition application is performed from the client side 10 to the server side 20. A one - time password 24 is automatically generated based on the information acquisition information and information including the one-time password 24 is transmitted to the server side 20 on the client side 10. A client terminal and a client are simultaneously specified by deciding coincidence between its own present one-time password 24a and the one-time password 24 from the client side 10 on the server side 20. And when propriety is confirmed by specification of them, information presentation service aiming at a specified user is performed.

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10/5/15 (Item 15 from file: 347)  
DIALOG(R)File 347:JAPIO  
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06364531 \*\*Image available\*\*  
QUALIFIED PERSON DECISION DEVICE

PUB. NO.: 11-306141 [JP 11306141 A]  
PUBLISHED: November 05, 1999 (19991105)  
INVENTOR(s): MOCHIZUKI KEIICHI  
APPLICANT(s): NEC ENG LTD  
APPL. NO.: 10-113921 [JP 98113921]  
FILED: April 23, 1998 (19980423)  
INTL CLASS: G06F-015/00 ; G09C-001/00; H04L-009/32

#### ABSTRACT

PROBLEM TO BE SOLVED: To keep secrecy more securely through client's easy operation.

SOLUTION: A random number generated by a random number generation part 43 on the side of a host computer 5 as a qualified person decision device at a decision request is reported to a client terminal 10 through a telephone line, the password of a client is ciphered by using the same random number and the same ciphering system by EX-OR parts 23 and 45 and data encoding parts 24 and 46 on both sides of a client computer 20 and the host computer 50 to generate a one - time password ; while the one - time password is stored in a one - time password table 52, the one-time password is sent to a password reception part 54 through a data line different from the telephone line through which the random number was

reported to gather them on the host computer 50, and a data matching part 55 confirms matching between the both to decide the qualified person.

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10/5/19 (Item 3 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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015188146 \*\*Image available\*\*  
WPI Acc No: 2003-248680/200324  
XRPX Acc No: N03-197543

Method of creating a secure temporary user ID and password , for use  
in the managing and creating security profiles for users on a network

Patent Assignee: KIM M H (KIMM-I)  
Inventor: KIM M H  
Number of Countries: 100 Number of Patents: 002  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200323643	A1	20030320	WO 2002KR178	A	20020206	200324 B
KR 2003022568	A	20030317	KR 200155729	A	20010911	200350

Priority Applications (No Type Date): KR 200155729 A 20010911

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200323643 A1 E 19 G06F-017/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN  
IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM  
PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA  
ZM ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW

KR 2003022568 A G06F-017/00

Abstract (Basic): WO 200323643 A1

NOVELTY - The security identification creation method is designed  
to work within a communications network with a number of users.  
Initially, it receives the necessary conditions needed for creation of  
identification information within the network (108). This condition  
information is then used to create the necessary identification objects  
for each user (106). The creation condition information relates to  
details of the would be user, such as age.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for the  
system for creating a user ID.

USE - For managing and creating security profiles for users on a  
network.

ADVANTAGE - The method provides a way to create and manage  
temporary user ID's with the minimum of effort.

DESCRIPTION OF DRAWING(S) - The figure shown is a block diagram  
showing the method in operation within a network.

User (106)

Agent (108)

pp; 19 DwgNo 1/4

Title Terms: METHOD; SECURE; TEMPORARY; USER; ID; PASSWORD; MANAGE; SECURE;  
PROFILE; USER; NETWORK

Derwent Class: T01

International Patent Class (Main): G06F-017/00

File Segment: EPI

10/5/20 (Item 4 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014990091 \*\*Image available\*\*  
WPI Acc No: 2003-050606/200305

WPIX Acc No: N03-039939

one - time password generation program module circulation system  
for user authentication, provides one - time password generation  
program module in binary coded format depending on request from portable  
terminal

Patent Assignee: RSA SECURITY INC (RSAS-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2002278929	A	20020927	JP 200179772	A	20010321	200305 B

Priority Applications (No Type Date): JP 200179772 A 20010321

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2002278929	A	13	G06F-015/00	

Abstract (Basic): JP 2002278929 A

NOVELTY - A portable terminal (10) sends a request for one - time  
password generation program module, to a web server (30). A  
password management server (20) produces the password generation  
program module based on request from the web server and outputs it to  
the web server. The web server converts received password generation  
program module into a binary coded format depending on the request from  
the portable terminal.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the  
following:

(1) One - time password generation program module circulation  
method;

(2) Portable terminal;

(3) One-time password management server;

(4) Web server; and

(5) Recorded medium storing program for circulating one - time  
password generation program.

USE - For network user authentication.

ADVANTAGE - The one - time password generation program module  
provides efficient user authentication and improves security. Avoids  
installation and management of special hardware and software for  
preparing the one-time password program, thereby reducing complexity in  
the portable terminal.

DESCRIPTION OF DRAWING(S) - The figure shows a schematic view  
illustrating circulation process of the one - time password  
generation program module. (Drawing includes non-English language  
text).

Portable terminal (10)

Password management server (20)

Web server (30)

pp; 13 DwgNo 10/11

Title Terms: ONE; TIME; PASSWORD; GENERATE; PROGRAM; MODULE; CIRCULATE;

SYSTEM; USER; AUTHENTICITY; ONE; TIME; PASSWORD; GENERATE; PROGRAM;

MODULE; BINARY; CODE; FORMAT; DEPEND; REQUEST; PORTABLE; TERMINAL

Derwent Class: T01

International Patent Class (Main): G06F-015/00

International Patent Class (Additional): G06F-012/00 ; G06F-012/14 ;

H04L-009/32

EPI Segment: EPI

10/5/21 (Item 5 from file: 350)

WPI LOG(R) File 350:Derwent WPIX

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014858739 \*\*Image available\*\*

WPI Acc No: 2002-679445/200273

Password security system for preventing conventional computer from  
hacking and mechanical security device using input time gap between each  
character information of password

Patent Assignee: MOON G (MOON-I); YUN H (YUNH-I); YOON H (YOON-I)

Inventor: MOON G; YUN H; YOON H

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2002034379	A	20020509	KR 200064603	A	20001101	200273 B
KR 399194	B	20030926	KR 200064603	A	20001101	200416

Priority Applications (No Type Date): KR 200064603 A 20001101

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
KR 2002034379	A		1	G06F-001/00	
KR 399194	B			G06F-001/00	Previous Publ. patent KR 2002034379

Abstract (Basic): KR 2002034379 A

NOVELTY - A password security system for preventing a conventional computer from hacking and a mechanical security device using an input time gap between each character information of a password is provided to simply maximize the security of the security device by examining the input time gap between each character information of the password as well as the inputted characters.

DETAILED DESCRIPTION - The password security system comprises a comparator(14) comparing the sequentially inputted password with the stored password, a permanent password storage(12) capable of changing and storing the password, a memory selector(23) transferring one output selected from the permanent password storage and a temporary storage(21), a time generator (15) acquiring the time information between the characters of the password, an oscillator(16) generating an operation clock of the system, a memory input selector(22) alternatively mixing the inputted character and the time information, an input signal storage(13) generating a signal analysis and the input data from a key pad input(18), an LCD character generator(19), a key signal generator(20), and a security system function controller(11).

pp; 1 DwgNo 1/10

Title Terms: PASSWORD; SECURE; SYSTEM; PREVENT; CONVENTION; COMPUTER; HACK; MECHANICAL; SECURE; DEVICE; INPUT; TIME; GAP; CHARACTER; INFORMATION; PASSWORD

Derwent Class: T01

International Patent Class (Main): G06F-001/00

File Segment: EPI

10/5/22 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014768489 \*\*Image available\*\*

WPI Acc No: 2002-589193/200263

XRFX Acc No: N02-467459

Card settlement method for business establishments , involves issuing temporary password after authentication, to customer mobile terminal and business establishment terminal, to settle transactions

Patent Assignee: FUJITSU LTD (FUIT )

Inventor: KAMATA T; MATSUMOTO T; MITSUMOTO H

Number of Countries: 028 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020066042	A1	20020530	US 2001810437	A	20010319	200263 B
JP 2002163584	A	20020607	JP 2000358016	A	20001124	200263
EP 1213691	A2	20020612	EP 2001400792	A	20010328	200263

Priority Applications (No Type Date): JP 2000358016 A 20001124

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020066042	A1		31	H04L-009/32	
JP 2002163584	A		22	G06F-017/60	
EP 1213691	A2	E		G07F-019/00	

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR

Abstract (Basic): US 2002066042 A1

NOVELTY - Information in an IC card (4) read by a customer mobile terminal (1) and corresponding personal identification number (PIN) are transmitted to an authorization server (22) for verification of the customer identity. After verification, a settlement server (41) issues a temporary password to the mobile terminal. The password and current transaction information are simultaneously input in a business establishment terminal (30) for a transaction satisfying the settlement conditions.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for card settlement system.

USE - For settlement of transactions in business establishments such as purchase price, dining charge, service usage charge, etc., using cards e.g. IC card which are read by mobile terminals such as mobile telephone, PDA.

ADVANTAGE - Improves security and convenience in transactions, since card information are transmitted from ones own mobile terminal and by the provision of temporary password to settle transactions. Simultaneous connection from several customer terminals is enabled. Hence, number of devices of the settlement terminal in the business establishment is reduced and shortening of the waiting time for settlement is achieved.

DESCRIPTION OF DRAWING(S) - The figure shows a configuration of the card settlement system.

Mobile terminal (1)

IC card (4)

Authorization server (22)

Business establishment terminal (30)

Settlement server (41)

pp; 31 DwgNo 4/16

Title Terms: CARD; SETTLE; METHOD; BUSINESS; ESTABLISH; ISSUE; TEMPORARY; PASSWORD; AFTER; AUTHENTICITY; CUSTOMER; MOBILE; TERMINAL; BUSINESS; ESTABLISH; TERMINAL; SETTLE; TRANSACTION

Derwent Class: T01; T05; W01

International Patent Class (Main): G06F-017/60 ; G07F-019/00; H04L-009/32

International Patent Class (Additional): G06F-012/14 ; G06K-017/00;

G07F-007/10

File Segment: EPI

10/5/23 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014077615 \*\*Image available\*\*

WPI Acc No: 2001-561829/200163

XREF Acc No: N01-417938

Work flow control system for electronic document production , provides temporary password for document perusal, to unregistered users

Patent Assignee: HITACHI LTD (HITA )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001216222	A	20010810	JP 200032777	A	20000204	200163 B

Priority Applications (No Type Date): JP 200032777 A 20000204

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 2001216222 A 8 G06F-013/00

Abstract (Basic): JP 2001216222 A

NOVELTY - A database (D1) stores the information regarding a registered user, including identifier, mail address etc. A judging unit (13) determines whether the perusal person is registered based on the information stored in the database. When the user is judged to be unregistered, an issue section (14) provides temporary password for document perusal.

USE - For production or circulation of electronic documents

(E-documents) through electronic mail (e-mail) communication.

ADVANTAGE - Integrates persons not belonging to a system management temporarily and allows perusal of the document without any prior registration. Hence provides flexible workflow and also reduces delay in work flow due to registration.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of work flow control system. (Drawing includes non-English language text).

Judging unit (13)  
Issue section (14)  
Database (D1)  
pp; 8 DwgNo 1/10

Title Terms: WORK; FLOW; CONTROL; SYSTEM; ELECTRONIC; DOCUMENT; PRODUCE;  
TEMPORARY; PASSWORD; DOCUMENT; UNREGISTERED; USER  
Derwent Class: T01  
International Patent Class (Main): G06F-013/00  
International Patent Class (Additional): G06F-019/00  
File Segment: EPI

10/5/27 (Item 11 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
000004 Thomson Derwent. All rts. reserv.

\*\*\*Image available\*\*  
Acc No: 1996-022039/199603  
KRPX Acc No: N96-018293

Secure authentication method for computers - involves second computer receiving user identity from first computer and if authenticated generating and sending encrypted one - time password to first for decryption and response to second

Patent Assignee: SUN MICROSYSTEMS INC (SUNM )  
Inventor: AZIZ A  
Number of Countries: 007 Number of Patents: 004  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 686905	A1	19951213	EP 95303533	A	19950524	199603 B
JP 8227397	A	19960903	JP 95138224	A	19950605	199645
US 5604803	A	19970218	US 94253802	A	19940603	199713
US 5732137	A	19980324	US 94253802	A	19940603	199819
			US 97778888	A	19970103	

Priority Applications (No Type Date): US 94253802 A 19940603; US 97778888 A 19970103

Cited Patents: 01Jnl.Ref; GB 2168831; US 5056140  
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 686905	A1	E	12	G06F-001/00	
Designated States (Regional): DE FR GB NL SE					
JP 8227397	A		9	G06F-015/00	
US 5604803	A		11	H04L-009/00	
US 5732137	A		11	H04L-009/00	Cont of application US 94253802 Cont of patent US 5604803

Abstract (Basic): EP 686905 A

The authentication method involves providing a first request from the first to the second computer which includes a user identification code identifying a user of the first computer. The second computer determines if the user identification is authorised. If so the second computer generates a random number and stores it as a one time password and encrypts it.

The second computer sends the first computer the one time password. The first computer decrypts the password and provides to password to the second computer. The second computer compares the received decrypted password with the stored password to authenticate the use or otherwise.

ADVANTAGE - Provides improved method and apparatus for user authentication in network environment, between client computer,--



workstation and remote destination server.

17/3,K/1 (Item 1 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
(c) 2004 The Gale Group. All rts. reserv.

02625606 Supplier Number: 64839442 (USE FORMAT 7 FOR FULLTEXT)  
TelVue Corporation Taking Internet PPV Orders as of September 1 For  
Broadway Television Network's Smokey Joe's Cafe.  
PR Newswire, pNA  
August 31, 2000  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 672

... having as many programming services and Internet guides linked to  
TelVue's ordering technology as possible," says Joseph Murphy, Executive  
Vice-President, TelVue Corporation.

Cable customers register for PPV Internet ordering with TelVue  
by calling an automated 800 telephone number (Cable: 1-800-750-6565, Dish:  
1-800-447-73) from their home phone one time and entering a six-digit  
"passcode." This "passcode" can be used on any participating website.  
When cable customers visit the Broadway Television Network website they are  
able to "click" on a...

...a theatrical event. The customer types in his telephone number and his  
"passcode," which is sent over the Internet to TelVue Corporation. TelVue  
validates the customer as a registered user and identifies the  
customer's cable company in its database. The order is then forwarded to  
the appropriate cable company over a dedicated data link. The cable  
company processes...

17/3,K/2 (Item 2 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
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02623651 Supplier Number: 64787537 (USE FORMAT 7 FOR FULLTEXT)  
Worldwide Entertainment & Sports Corp.'s Houseofboxing.com Website to Offer  
Internet Ordering for Boxing Pay-Per-View Events Through TelVue  
Corporation.  
PR Newswire, pNA  
August 30, 2000  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 1407

... the parties expect to reach agreement on a longer term contract for  
HOB to offer future PPV events through TelVue's services to HOB Website  
visitors.

HOB Website users who are cable or satellite customers will  
register with TelVue by calling an automated 800 telephone number one  
time and entering a six-digit passcode. When cable or satellite  
customers visit the HOB Website they are able to "click" on a button and  
bring up an order page for a boxing PPV event. The customer types in his  
telephone number and his passcode, which is sent over the Internet to  
TelVue. TelVue validates the customer as a registered user and  
identifies the customer's cable company in its database. The order is  
then forwarded to the appropriate cable or satellite company over a  
dedicated data link. The cable...

17/3,K/3 (Item 3 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
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02572289 Supplier Number: 63494304 (USE FORMAT 7 FOR FULLTEXT)  
TelVue Corporation Now Taking Internet PPV Orders For World Championship  
Wrestling.  
PR Newswire, pNA

July 17, 2000

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 369

... events on their TV sets. TelVue provides this connection to over 700 cable systems and direct broadcast satellite providers reaching almost 16 Million homes.

Cable customers register with TelVue by calling an automated 800 telephone number one time and enter a six-digit "passcode ." This "passcode" can be used on any participating website. When cable customers visit the WCW website they are able to "click" on a button and...

...IFV wrestling event. The customer types in his telephone number and his "passcode" which is sent over the Internet to TelVue Corporation. TelVue validates the customer as a registered user and identifies the customer's cable company in its database. The order is then forwarded to the appropriate cable company over a dedicated data link. The cable company processes...

17/3,K/4 (Item 1 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2004 The Gale Group. All rts. reserv.

03212473 Supplier Number: 46587869 (USE FORMAT 7 FOR FULLTEXT)

Security Strikes A New Chord

Bank Technology News, p1

August, 1996

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 1947

... factor' authentications, such as passwords and user IDs. In addition to verifying users by 'what they know' (i.e., a password), this method also validates users by 'what they have' (in this case an Internet AccessKey registered specifically to them).

When users want access to the system, they first input their password. The bank then generates a random number known as a challenge, which it downloads to the user. The user then inputs this number into the token device. The microprocessor on the device calculates a one - time password , known as a response, that is unique to the user as well as to that particular sign-on session. The user views this number on the device and then types it into the computer. By combining the user ID with the one-time response that verifies possession of the token registered to that user , the bank can accurately determine users by two factors - by what they know and what they have.

A unique feature of Vasco's Internet AccessKey is the manner in which the...

17/3,K/5 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

07795086 Supplier Number: 65106901 (USE FORMAT 7 FOR FULLTEXT)

TelVue Inks Pact With Broadway TV For 'Smokey Joe's'. (Brief Article)

Multichannel News, v21, n36, p18

Sept 4, 2000

Language: English Record Type: Fulltext

Article Type: Brief Article

Document Type: Magazine/Journal; Trade

Word Count: 146

... TelVue's ordering system, which is connected to more than 700 cable systems and direct-broadcast satellite providers reaching close to 16 million homes.

... Cable customers register for PPV Internet ordering with TelVue ...

by calling an automated toll-free number one time and entering a six-digit pass code.

TelVue previously arranged to accept World Championship Wrestling PPV-event orders over the Internet.

17/3,K/6 (Item 2 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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07792921 Supplier Number: 64915018 (USE FORMAT 7 FOR FULLTEXT)  
RSA upgrading its Keon PKI security software; Keon package now supports digital certificates from more vendors, including Baltimore, Netscape and IBM. (Product Announcement)  
Messmer, Ellen  
Network World, p15  
August 28, 2000  
Language: English Record Type: Fulltext  
Article Type: Product Announcement  
Document Type: Magazine/Journal; General Trade  
Word Count: 429

... certificate system, and plans to use its system for transferring funds in the future as well as providing secure Web access, Smith says. Using a one - time password sent through old-fashioned registered mail, users can then register online to download certificates from EasCorp.'s Keon server.

RSA says Keon 5.5 expands the options for certificate registration by letting users authenticate to an NT LAN.

"This allows customers to take advantage of existing authentication environments," Liberty says.

Once authentication is completed, the Keon 5.5 server could automate the download of the digital...

17/3,K/7 (Item 3 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

06481680 Supplier Number: 55130942 (USE FORMAT 7 FOR FULLTEXT)  
Private Data on a Public Network. (Physicians at a Wisconsin hospital use the Internet to save time accessing records and provide better care.)  
Chin, Tyler L.  
Health Data Management, pITEM9919300A  
July, 1999  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 1628

... does not publicize for security reasons.

When a physician signs up to participate in the program, the hospital mails the user a letter containing a one - time password that will enable him to register, download a digital certificate for security from the hospital's Web server, and establish a personal identification number linked to the digital certificate, explains Steven...

...s uses the company's WebFort authentication software, which is integrated with IDX's OutReach application that's stored on the Web server.

Once the registration steps are completed, the physician then enters a user ID and personal identification number to access the Web server housing the IDX application and Arcot authentication software. If the user enters the correct PIN...

17/3,K/8 (Item 4 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

05305875 Supplier Number: 48077604 (USE FORMAT 7 FOR FULLTEXT)  
Bank finds gold with Web system  
Machlis, Sharon  
Computerworld, p39  
Oct 27, 1997  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Tabloid; Trade  
Word Count: 563

... certificate software from Entrust Technologies, Inc. in Richardson, Texas. Customers must call the bank, answer several questions to prove their identity and receive a special one - time password. The customers use that password when they set up the software, entering it into the Entrust security software and not their browsers.

After the password is validated and a user connects to Scotia Online, special encryption keys are exchanged between the bank and the user's PC. The bank then issues certificates, and users can choose their own passwords for subsequent sessions. The entire registration and setup process was designed to take about 15 minutes. Users then connect to the Web site via their usual browser.

#### SECURITY CONTROL

Scotiabank, one of Canada's largest financial institutions, initially tested a banking system...

17/3,K/9 (Item 5 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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04904319 Supplier Number: 47211800 (USE FORMAT 7 FOR FULLTEXT)  
Speak Up  
Network Computing, p23  
March 15, 1997  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 246

... her PC to get onto an intranet server, for instance, providing his or her account name and password sequence. If the voice matches the one registered in the Verivoice database, the user is in. There is no PIN, just a one - time access code if your voice matches up.

17/3,K/10 (Item 1 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

13028101 SUPPLIER NUMBER: 66752645 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
(1) Techniques: Microcases. (telecommuting solutions on the Web) (Brief Article)  
Inc., 116  
March 14, 2000  
DOCUMENT TYPE: Brief Article ISSN: 0162-8968 LANGUAGE: English  
RECORD TYPE: Fulltext  
WORD COUNT: 746 LINE COUNT: 00058

... and that they can log on at any time to view or edit it. The only hitch is that to get into a NetEnvelope, the user must be registered with NetDocuments and have a password. The site does, however, allow users to set up accounts for others: McNatt can register a customer's name and E-mail address, and that customer will receive a temporary user name and password to access the NetEnvelope.

For \$4.95 a month, users can get a premium service that gives them 100MB of storage space. McNatt, however, is...

17/3,K/11 (Item 2 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB

12650432 SUPPLIER NUMBER: 65579187 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**The Accountant and Network Security. (Brief Article)**  
Qureshi, Anique A.; Siegel, Joel G.  
National Public Accountant, 45, 7, 24  
Sept, 2000  
DOCUMENT TYPE: Brief Article ISSN: 0027-9978 LANGUAGE: English  
RECORD TYPE: Fulltext  
WORD COUNT: 5425 LINE COUNT: 00447

... issued by the Kerberos Authentication Server. Secret information, such as a password, that only an authorized user would know, is contained in the ticket.

Each user's initial password has to be registered with the authentication server. The registration procedure depends upon the number of users. In person registration provides the best control if the number of users is small. Other procedures, such as using a login program on a trusted system, may be used when there are many users.

Several tools can enhance the security provided by Kerberos. One-time passwords generated by devices are particularly useful. Kerberos cannot protect against a hacker guessing or stealing user passwords. Onetime passwords eliminate that problem. Commercial products are available that combine one-time passwords with Kerberos.

#### FIREWALLS

Firewalls are frequently used to overcome some problems of route and packet filtering. The firewall is a buffer between an organization's...

17/3,K/12 (Item 3 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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10635696 SUPPLIER NUMBER: 20798124 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Telescan's Wall Street City Website Offers Free Real-Time Quotes**  
PR Newswire, p616NYTU018  
June 16, 1998  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 846 LINE COUNT: 00078

... investors can request for this valuable service."

To access real-time quotes, visitors to Wall Street City are asked to sign up and select a password. The one-time registration is required by the stock exchanges, and visitors to the website do not have to be Wall Street City subscribers to use the service.

The introduction of unlimited real-time quotes on Wall...

17/3,K/13 (Item 4 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rights reserved.

09709956 SUPPLIER NUMBER: 19728172 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Perle Systems and AXENT Technologies Team to Deliver Superior Network Security to the Perle 833 Remote Access Server.**  
Business Wire, p9080202  
Sep 8, 1997  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 838 LINE COUNT: 00078

... or remotely. Working in tandem with the OmniGuard/Defender Security Server is the Defender Software token. This hand-held token prompts the user for a PIN and then provides a unique one-time password that ensures only authorized users gain access to the LAN.

#### Software Availability

All Perle 833 Remote Access Servers will come enabled with AXENT's OmniGuard/Defender authentication software. Registered 833 users can obtain this new functionality today. Customers wishing to upgrade are

directed to call Perle Technical Assistance Center toll-free at 1-800-33  
PERLE to order the software. They can then...

17/3,K/14 (Item 5 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

09119202 SUPPLIER NUMBER: 18812755 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Browser wars flame with versions 3.0 from Microsoft and Netscape:**  
**bothersome bug in Internet 3.0.**  
Searcher, v4, n9, p46(2)  
Oct, 1996  
ISSN: 1070-4795 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 365 LINE COUNT: 00075

... bug existed that forced users to re-enter user names and  
passwords in order to move from page to page in Web sites requiring  
registration. Usually, users enter their passwords only once and the Web  
browser creates a temporary cache to store the passwords for the  
remainder of the site navigation.

A major article by Robert E. Calem on the problem ("Microsoft  
Acknowledges Bug in New Explorer 3.0") appeared in The New York Times'  
CyberTimes section of the Times' own Web site. The New York Times' Web site  
requires registration, though charging no fees to U.S. readers.

The repeated-password problem appeared sporadically, affecting some  
registration sites and not others. However, some of the affected  
registration sites included sites run by Microsoft marketing partners,  
according to reports confirmed by Microsoft's public relations agency. To  
entice users to Internet Explorer 3...

17/3,K/15 (Item 1 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

02320273 86925987  
**The UNiverse Project: state-of-the-art of the standards, softwares and  
systems which will underpin the development. Part 3: inter library loans  
protocols multimedia document delivery and authentication and directory  
services**  
Glissman, C; Murray, R; Davidson, E; Hands, J; Sijtsma, O; Noordzij, A;  
Moulton, R; Shanawa, S; Darzentas, J; Pettman, I  
New Library World v99n1140 PP: 60-68 1998  
ISSN: 0307-4803 JRNL CODE: NLW  
WORD COUNT: 5493

...TEXT: These use non-repeatable information, which is used only for a  
single authentication exchange. This class of authentication mechanisms  
includes the use of automatically generated one-time password (e.g.  
the S/Key system), the use of time-stamps in conjunction with the password,  
and multi-exchange challenge-response schemes. These mechanisms all require  
the secret information to be available to the server which is  
authenticating the user, so that registered and tendered information  
may be compared. This imposes some constraints on the server in terms of  
the security that it must provide.  
3.5 Strong...

17/3,K/16 (Item 2 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

02003218 51411241  
**Bold storage**  
Mochari, Ilan  
Inc v22n4 PP: 116 Mar 14, 2000  
ISSN: 0162-8968 JRNL CODE: INO

WORD COUNT: 687

...TEXT: and that they can log on at any time to view or edit it The only hitch is that to get into a NetEnvelope, the user must be registered with NetDocuments and have a password. The site does, however, allow users to set up accounts for others: McNatt can register a customer's name and E-mail address, and that customer will receive a temporary user name and password to access the NetEnvelope.

For \$4.95 a month, users can get a premium service that gives them 100MB of storage space. McNatt, however, is...

17/3,K/17 (Item 3 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

01650517 03-01507  
**Revamped Web site to take flight at American Airlines**  
Messmer, Ellen  
Network World v15n24 PP: 39 Jun 15, 1998  
ISSN: 0887-7661 JRNL CODE: NWW  
WORD COUNT: 495

...TEXT: another to use other American travel services, Samuel said. This system will be replaced with a single sign-on procedure that involves issuing users a temporary personal identification number online and sending a permanent one via the mail.

With the overhaul of its 2year-old Web site, American is trying to learn more about the people visiting the airline online. American's Web site already gets 23 million page views per week and has 1.6 million people registered to receive weekly e-mail updates about ticket prices. American sees electronic commerce as its direct flight to future growth, even though the \$140 million...

17/3,K/18 (Item 4 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

01367946 00-18933  
**Nortel's intranet**  
Curtis, Terry; Foulkes, Reg; Fraser, Jim; Petty, Doug  
Telesis n102 PP: 16-21+ Dec 1996  
ISSN: 0040-2710 JRNL CODE: TLS  
WORD COUNT: 3417

...TEXT: card. The number on the card changes every minute -recalculated by an algorithm that runs on a chip embedded in the card - to provide a one-time password. Because the algorithm uses the serial number of the card in its calculations, and each serial number is registered to an individual user, the algorithm produces a unique code for each card. To authenticate the user, the Nortel.Access server runs the same algorithm, and the card- and...

17/3,K/19 (Item 5 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

01185883 98-35278  
**Commercial key recovery**  
Walker, Stephen T; Lipner, Steven B; Ellison, Carl M; Balenson, David M  
Communications of the ACM v39n3 PP: 41-47 Mar 1996  
ISSN: 0001-0782 JRNL CODE: ACM  
WORD COUNT: 3976



...TEXT: The AR structure is a primary distinguishing characteristic of the TIS CKR system. A DRC interprets an AR structure automatically.

ARs are defined by the **user**, during an initial **registration** phase (or over time, as conditions dictate. Any one **user** can have any number of ARs defined, to represent different sets of people or conditions for emergency access to different data. However, it is anticipated...

...number of ARIs to actually use in DRFs.

An AR can be one of four different types:

1. A direct personal identification (such as a **password**, **onetime password**, or public key signature verification which can be checked directly between the person and the DRC over a secure channel.

2. An indirect personal identification...

17/3,K/20 (Item 1 from file: 647)  
DIALOG(R)File 647:CMP Computer Fulltext  
(c) 2004 CMP Media, LLC. All rts. reserv.

01121095 CMP ACCESSION NUMBER: NWC19970315S0013

#### Speak Up

Kelly Jackson Higgins  
NETWORK COMPUTING, 1997, n 804, PG23  
PUBLICATION DATE: 970315  
JOURNAL CODE: NWC LANGUAGE: English  
RECORD TYPE: Fulltext  
SECTION HEADING: The H-Report - News, trends and analysis  
WORD COUNT: 253

... her PC to get onto an intranet server, for instance, providing his or her account name and password sequence. If the voice matches the one **registered** in the Verivoice database, the **user** is in. There is no **PIN**, just a **one - time** access code if your voice matches up.

Copyright 1997 CMP Media Inc.

17/3,K/21 (Item 1 from file: 810)  
DIALOG(R)File 810:Business Wire  
(c) 1999 Business Wire . All rts. reserv.

11-002 BW1065

PERLE SYSTEMS AXENT: Perle Systems and AXENT Technologies Team to Deliver Superior Network Security to the Perle 400/RAS Remote Access Server

September 22, 1997

Byline: Business/Technology Editors

...or remotely. Working in tandem with the OmniGuard/Defender Security Server is the Defender Software token. This hand-held token prompts the user for a **PIN** and then provides a unique **one - time password** that ensures only authorized users gain access to the LAN.

#### Software Availability

All Perle 400/RAS Remote Access Servers will come enabled with AXENT's OmniGuard/Defender authentication software. **Registered** 400/RAS **users** can obtain this new functionality today. **Customers** wishing to upgrade are directed to call Perle's Technical Assistance Center toll-free at 1-800-33 PERLE to order the software. They can...

File 348:EUROPEAN PATENTS 1978-2004/May W04

(c) 2004 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20040527,UT=20040520

(c) 2004 WIPO/Univentio

Set	Items	Description
S1	182435	PIN OR PERSONAL()IDENTIFICATION()NUMBER? ? OR PASSWORD? ? - OR PASSCODE? ? OR PASSPHRASE? ? OR (PASS OR SECRET)() (WORD? ? OR CODE? ? OR PHRASE? ?) OR CODEWORD? ? OR CODE()WORD? ?
S2	830	S1(5N) (TEMP OR TEMPORARY OR TRANSIENT OR TRANSITORY OR ONE- TIME OR ONE()TIME)
S3	279	S2(5N) (GENERAT??? OR ESTABLISH? OR CREAT???? OR FASHION? OR CONSTRUCT? OR FORM?? OR FORMING OR FORMATION? ? OR PRODUC???- ?? OR COMPUTE OR COMPUTES OR COMPUTED OR COMPUTING OR DERIV??? OR ISSUE? ? OR ISSUING OR PROVID???)
S4	63	S3(100N) (UNREGISTER? OR REGISTER? OR REGISTRATION? ?)
S5	41	S4 AND IC=G06F
S6	22	S4 NOT S5
S7	136	S2(100N) (UNREGISTER? OR REGISTER? OR REGISTRATION? ?)
S8	74	S7 AND IC=G06F
S9	34	S8 NOT S4
S10	5098	ACCESS?(10N)TEMPORAR?
S11	54	S2(100N)S10
S12	40	S11 NOT (S4 OR S9)
S13	21	S3(100N) (WEBSITE? ? OR WEBPAGE? ? OR WEB()PAGE? ? OR WEB()- SITE? ?)
S14	10	S13 NOT (S4 OR S9 OR S12)
S15	71	S2(100N) (WEBSITE? ? OR WEBPAGE? ? OR WEB()PAGE? ? OR WEB()- SITE? ?)
S16	18	S15 NOT (S4 OR S9 OR S12 OR S14)
S17	48	S2/TI,AB
S18	37	S17 NOT (S4 OR S9 OR S12 OR S14 OR S16)
S19	150	TEMPORARY(1W)S1
S20	69	S19 AND IC=G06F
S21	24	S20 NOT (S4 OR S9 OR S12 OR S14 OR S16 OR S18)
S22	146	S3 AND IC=G06F
S23	76	S22 NOT (S4 OR S9 OR S12 OR S14 OR S16 OR S18 OR S21)

23/3,K/7 (Item 7 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2004 European Patent Office. All rts. reserv.

01148168

**A user-computer interaction method for use by flexibly connectable computer systems**

**Benutzer-Rechner Wechselwirkungsverfahren das durch flexibel verbindbare Rechnersysteme verwendet werden soll**

**Procede d'interaction entre un utilisateur et un ordinateur pour l'utilisation de systemes d'ordinateurs pouvant etre relies entre eux de maniere flexible**

PATENT ASSIGNEE:

Aladdin Knowledge Systems Ltd., (2870680), 15 Beit Oved Street, Tel Aviv 67211, (IL), (Applicant designated States: all)

INVENTOR:

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Margalit, Dany, 10 Kiriatty Street, Ramat Gan 52223, (IL)

Kastershtien, Rami, 37 Nahalat Izhak Street, Tel Aviv 67442, (IL)

LEGAL REPRESENTATIVE:

Modiano, Guido, Dr.-Ing. et al (40786), Modiano, Josif, Pisanty & Staub, Baaderstrasse 3, 80469 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1001329 A2 000517 (Basic)  
EP 1001329 A3 000802

APPLICATION (CC, No, Date): EP 99120094 991021;

PRIORITY (CC, No, Date): US 189960 981110; US 412292 991005

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-001/00

ABSTRACT WORD COUNT: 75

NOTE:

Figure number on first page: 1 5B

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200020	850
SPEC A	(English)	200020	4826
Total word count - document A			5676
Total word count - document B			0
Total word count - documents A + B			5676

INTERNATIONAL PATENT CLASS: G06F-001/00

...SPECIFICATION equipped.

\* Section in Early Development stage.

\* Security Dynamics, ActivCard & Vasco control the market with 1st generation time-based, one-time password or challenge-based tokens

\* security vendors will look to expand their market share with second...

23/3,K/8 (Item 8 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2004 European Patent Office. All rts. reserv.

01143778

**Controlling access to stored information**

**Verfahren und Vorrichtung zur Steuerung des Zugriffs auf gespeicherte Information**

**Procede et appareil de commande d'accès a des informations stockees**

PATENT ASSIGNEE:

Datum, Inc., (2881680), 54 Middlesex Turnpike, Bedford, Massachusetts, (US), (Applicant designated States: all)

INVENTOR:

Hastings, Thomas Mark, 38 Meriam Street, Lexington, Massachusetts 02420, (US)

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Glassey, Todd S., 109A Bluebond Lane, Scotts Valley, California 95066,  
(US)

Wright, Gerald L., 189 Harvard Street, 1, Malden, Massachusetts 02148,  
(US)

LEGAL REPRESENTATIVE:

Findlay, Alice Rosemary et al (69451), Lloyd Wise, Tregear & Co.,  
Commonwealth House, 1-19 New Oxford Street, London WC1A 1LW, (GB)

PATENT (CC, No, Kind, Date): EP 997808 A2 000503 (Basic)

EP 997808 A3 020102

APPLICATION (CC, No, Date): EP 99308483 991027;

PRIORITY (CC, No, Date): US 182342 981029

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-001/00

ABSTRACT WORD COUNT: 112

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200018	1263
SPEC A	(English)	200018	3218
Total word count - document A			4481
Total word count - document B			0
Total word count - documents A + B			4481

INTERNATIONAL PATENT CLASS: G06F-001/00

... SPECIFICATION can be a user password valid for more than one access, or  
can be a **one - time password**. Alternately, the **producer** can  
associate specific geographic region/date/time information of lists ...  
password 130 is sent to the device driver 72 (step 510). In response to  
the **one - time password** 130, the device driver 72 **generates** from  
the user's **password** 130 its own **one - time password** (step 520) and  
verifies (step 530) that the user did indeed enter a correct one...

23/3,K/20 (Item 6 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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01064673

SYSTEM AND APPARATUS FOR AUTHENTICATING TO A SYSTEM OR NETWORK

SYSTEME ET APPAREIL PERMETTANT D'AUTENTIFIER UN SYSTEME OU UN RESEAU

Patent Applicant/Inventor:

ERYOU Robert, P.O. Box 10191 APO, Georgetown, Grand Cayman, KY, --

(Residence), CA (Nationality)

NAJM Clovis, #101-2404 16 A St. SW, Calgary, Alberta T2T 4K5, CA, CA

(Residence), CA (Nationality)

Patent and Priority Information (Country, Number, Date):

Patent: WO 200393923 A2 20031113 (WO 0393923)

Application: WO 2003IB3301 20030430 (PCT/WO IB0303301)

Priority Application: US 2002377132 20020430; US 2002377192 20020430

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE

SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 9270

Main International Patent Class: G06F

Fulltext Availability:

Detailed Description

Detailed Description

... somehow gains (Cp), and can "replay" the authentication protocol.

To protect against replay attacks, Lamport created the Secure Hash Function OneTime Passwords protocol, whereby a password cannot be used twice. The scenario is as follows: the claimant and verifier decide on...

23/3,K/21 (Item 7 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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01057825 \*\*Image available\*\*

USER AUTHENTICATION FOR COMPUTER SYSTEMS

AUTHENTIFICATION D'UTILISATEURS POUR SYSTEMES INFORMATIQUES

Patent Applicant/Assignee:

AMOURSFT LTD, 1st Floor, Unit 1, Warren Court, Feldspar Close, Warren Park Way, Enderby, Leicester, GB, GB (Residence), GB (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

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GREEN Peter, 14 Anderson Avenue, Rugby, Warwickshire CV22 5PE, GB, GB (Residence), GB (Nationality), (Designated only for: US)

DALE Tracy John, Woodale, Newton Road, Tollerton, York YO61 1QT, GB, GB (Residence), GB (Nationality), (Designated only for: US)

Legal Representative:

LLOYD Patrick Alexander Desmond (agent), Reddie & Grose, 16 Theobalds Road, London WC1X 8PL, GB,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200388014 A2-A3 20031023 (WO 0388014)

Application: WO 2003GB1493 20030404 (PCT/WO GB03001493)

Priority Application: GB 20027955 20020405

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE

SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 7383

Main International Patent Class: G06F-001/00

Fulltext Availability:

Claims

Claim

... assigning a one

time password to the user, submitting the

authentication credentials including the assigned one

time password, authenticating the user, generating a

change password request, generating a new password in

response to the change password request...

23/3,K/26 (Item 12 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

00963910 \*\*Image available\*\*

METHOD AND SYSTEM FOR LOGGING INTO AND PROVIDING ACCESS TO A COMPUTER  
SYSTEM VIA A COMMUNICATIONS NETWORK

PROCEDE ET SYSTEME D'ENTREE EN COMMUNICATION AVEC UN SYSTEME INFORMATIQUE,  
ET ACCES A CE SYSTEME VIA UN RESEAU DE COMMUNICATIONS

Patent Applicant/Assignee:

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US (Residence), US (Nationality), (For all designated states except:  
US)

Patent Applicant/Inventor:

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MAXWELL Scott, 3 Old Nugent Farm Road, Gloucester, MA 01930, US, US  
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

GABLE R Lewis (et al) (agent), Cowan, Liebowitz & Latman, P.C., 1133  
Avenue of the Americas, New York, NY 10036-6799, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200298039 A2-A3 20021205 (WO 0298039)

Application: WO 2002US16675 20020529 (PCT/WO US0216675)

Priority Application: US 2001294094 20010529

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CH CN CO CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 3711

Main International Patent Class: G06F-011/30

Fulltext Availability:

Detailed Description

Detailed Description

... for allowing a user to log into and obtain access to multiple computer  
systems by **provided** a single username and **password** which is **provided**  
only **one time** per session.

BACKGROUND OF THE INVENTION

A common problem for computer systems is the control...

23/3,K/30 (Item 16 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

009639245 \*\*Image available\*\*

AUTHORISATION METHOD FOR A USER OF A LIMITED ACCESS SYSTEM HAVING AN  
AUTHORISATION CENTRE

PROCEDE D'AUTORISATION D'ACCES D'UTILISATEUR A UN SYSTEME A ACCES LIMITE,  
COMPRENANT UN CENTRE D'AUTORISATION

Patent Applicant/Inventor:

JALOVECZKI Laszlo, Ratz L. u. 80., H-1116 Budapest, HU, HU (Residence),  
HU (Nationality)

Legal Representative:

DANUBIA PATENT AND TRADEMARK ATTORNEYS (agent), P.O. Box 198, H-1368  
Budapest 5, HU,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200273377 A2-A3 20020919 (WO 0273377)

Application: WO 2001HU105 20011030 (PCT/WO HU0100105)

Priority Application: HU 20011106 20010314

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE

SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 7518

Main International Patent Class: G06F-001/00

Fulltext Availability:

Detailed Description

Detailed Description

... primary object of the present invention to create a secure access control system based upon one - time passwords (cryptographic keys) generated in the same time by a user at the remote terminal and by the authorisation...

... object of the present invention is to provide a cryptographic system to use the independently generated one - time symmetric keys ( passwords ) for the authentication of any message sent by a user to the limited...

23/3,K/43 (Item 29 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00825040 \*\*Image available\*\*

PHYSICAL PRESENCE DIGITAL AUTHENTICATION SYSTEM (WEBPAGE-DEPENDENT ACTIVATION)

SYSTEME D'AUTHENTIFICATION NUMERIQUE PAR PRESENCE PHYSIQUE (ACTIVATION DEPENDANTE D'UNE PAGE WEB)

Patent Applicant/Assignee:

COMSENSE TECHNOLOGIES LTD, Azrieli Center 3, 67023 Tel Aviv, IL, IL

(Residence), IL (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

ATSMON Alon, Ben-Guryon Street 131/2, Yahud, IL, IL (Residence), IL (Nationality), (Designated only for: US)

ANTEBI Amit, Marganit Street 64, Ramat-Gan, IL, IL (Residence), IL (Nationality), (Designated only for: US)

LEV Tsvi, Lisin Street 11, 62997 Tel-Aviv, IL, IL (Residence), IL (Nationality), (Designated only for: US)

WHEN Moshe, Chovevey 47, Tsivon, Tel-Aviv, IL, IL (Residence), IL (Nationality), (Designated only for: US)

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ANATI Rami, Haetrog Street 16, 38244 Kfar Brandes Haders, IL, IL (Residence), IL (Nationality), (Designated only for: US)

Legal Representative:

CHOU Chien-Wei (et al) (agent), Oppenheimer Wolff & Donnelly LLP, 1400

Page Mill Road, Palo Alto, CA 94304, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200157623 A2-A3 20010809 (WO 0157623)

Application: WO 2001US4062 20010207 (PCT/WO US0104062)

Priority Application: US 2000180530 20000207; US 2000570399 20000512  
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ  
DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG  
SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM  
Publication Language: English  
Filing Language: English  
Fulltext Word Count: 65843  
Main International Patent Class: G06F-007/08  
International Patent Class: G06F-017/00  
Fulltext Availability:  
Detailed Description

Detailed Description

... could be performed on the card's one-time code and the hard  
disk-stored one - time code to generate the MyEWallet password .

Multiple benefits are provided by this on-the-fly authentication  
scheme.

(1) Only the electronic card in accordance with...

23/3,K/48 (Item 34 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

00799798 \*\*Image available\*\*  
INTERNET-BASED SHARED FILE SERVICE WITH NATIVE PC CLIENT ACCESS AND  
SEMANTICS  
SERVICE DE FICHIERS COMMUNS SUR INTERNET A ACCES AUX PC CLIENTS ORIGINELS  
ET SEMANTIQUE

Patent Applicant/Assignee:

MANGOSOFT CORPORATION, 1500 West Park Drive, Suite 190, Westborough, MA  
01581, US, US (Residence), US (Nationality)

Inventor(s):

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PORTER David, 2 Uplands Road, Littleton, MA 01460, US,

Legal Representative:

GOLDMAN Gregg I (agent), Proskauer Rose, LLP, Patent Department, 1585  
Broadway, New York, NY 10036, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200133361 A1 20010510 (WO 0133361)  
Application: WO 2000US30077 20001101 (PCT/WO US0030077)  
Priority Application: US 99163008 19991101

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ  
DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG  
SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 33299

Main International Patent Class: G06F-012/00  
International Patent Class: G06F-013/00 ...

... G06F-013/14 ...



... G06F-013/362

... Availability:

... Detailed Description

Detailed Description

... and/or purchased by the  
client/customer;

(b) Accepting requests from client manager nodes to **create** client user accounts, including **generating one - time passwords** for enabling client users to join pre-subscribed user groups of the virtual storage device...to the client manager node. Next, in step S 1 08, the client manager node **creates a one time password** ("OTP"). Preferably, the OTP is a bidirectional encryption/decryption key. In addition, the client manager...

File 275:Gale Group Computer DB(TM) 1983-2004/Jun 03  
     (c) 2004 The Gale Group  
 File 621:Gale Group New Prod.Annou.(R) 1985-2004/Jun 01  
     (c) 2004 The Gale Group  
 File 636:Gale Group Newsletter DB(TM) 1987-2004/Jun 02  
     (c) 2004 The Gale Group  
 File 16:Gale Group PROMT(R) 1990-2004/Jun 03  
     (c) 2004 The Gale Group  
 File 160:Gale Group PROMT(R) 1972-1989  
     (c) 1999 The Gale Group  
 File 148:Gale Group Trade & Industry DB 1976-2004/Jun 02  
     (c)2004 The Gale Group  
 File 624:McGraw-Hill Publications 1985-2004/Jun 03  
     (c) 2004 McGraw-Hill Co. Inc  
 File 15:ABI/Inform(R) 1971-2004/Jun 03  
     (c) 2004 ProQuest Info&Learning  
 File 647:CMP Computer Fulltext 1988-2004/May W4  
     (c) 2004 CMP Media, LLC  
 File 674:Computer News Fulltext 1989-2004/May W3  
     (c) 2004 IDG Communications  
 File 696:DIALOG Telecom. Newsletters 1995-2004/Jun 02  
     (c) 2004 The Dialog Corp.  
 File 369:New Scientist 1994-2004/May W4  
     (c) 2004 Reed Business Information Ltd.  
 File 810:Business Wire 1986-1999/Feb 28  
     (c) 1999 Business Wire  
 File 813:PR Newswire 1987-1999/Apr 30  
     (c) 1999 PR Newswire Association Inc  
 File 610:Business Wire 1999-2004/Jun 02  
     (c) 2004 Business Wire.  
 File 613:PR Newswire 1999-2004/Jun 03  
     (c) 2004 PR Newswire Association Inc

Set	Items	Description
S1	516162	PIN OR PERSONAL()IDENTIFICATION()NUMBER? ? OR PASSWORD? ? - OR PASSCODE? ? OR PASSPHRASE? ? OR (PASS OR SECRET)() (WORD? ? OR CODE? ? OR PHRASE? ?) OR CODEWORD? ? OR CODE()WORD? ?
S2	3478	S1(5N) (TEMP OR TEMPORARY OR TRANSIENT OR TRANSITORY OR ONE- TIME OR ONE()TIME)
S3	337	S2(5N) (SEND??? OR SENT OR TRANSFER? OR TRANSMIT? OR TRANSM- SSION? ? OR COMMUNICAT? OR EMAIL??? OR MAIL??? OR DELIVER??? OR FORWARD??? OR PASS???()ON OR DISTRIBUT???)
S4	953417	ACCESS?(5N) (WEBSITE? ? OR WEBPAGE? ? OR PAGE? ? OR SITE? ? OR SYSTEM? ? OR SERVER? ? OR WEBSERVER? ?)
S5	116	S3(50N)S4
S6	61	RD (unique items)
S7	52	S6 NOT PD>20010604
S8	102	S2(10N) (EMAIL??? OR E()MAIL??? OR ELECTRONIC()MAIL)
S9	42	RD (unique items)
S10	145	S9 NOT (S7 OR PD>20010604)

10/3,K/1 (Item 1 from file: 275)  
DIALOG(R) File 275:Gale Group Computer DB(TM)  
(c) 2004 The Gale Group. All rts. reserv.

02484606 SUPPLIER NUMBER: 71762617 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Philippines - Bank's "Disposable Codes" Lure E-Shoppers. (Company Business and Marketing)**  
Ilogon, Faye V.  
Newsbytes, NWSB0107500E  
March 16, 2001  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 468 LINE COUNT: 00042

... the online payment facility. Once enrolled, they can log in at the site using their e - mail ID and password to get a one - time disposable code or the "1Time number," as UCPB calls it. Users can then visit member...

10/3,K/2 (Item 2 from file: 275)  
DIALOG(R) File 275:Gale Group Computer DB(TM)  
(c) 2004 The Gale Group. All rts. reserv.

02449341 SUPPLIER NUMBER: 66887570 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Security red alert - How ITers can cope with the rising tide of virus warnings. (Government Activity)**  
Kosan, Lisa  
Week, 139  
Nov 13, 2000  
LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 2632 LINE COUNT: 00208

... a blank-text password. That was before Tyler insisted on RSA Security's SecurID one - time password access to e - mail , the

10/3,K/3 (Item 3 from file: 275)  
DIALOG(R) File 275:Gale Group Computer DB(TM)  
(c) 2004 The Gale Group. All rts. reserv.

02437774 SUPPLIER NUMBER: 65575482 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Business-to-Government E-Commerce Procurement Online Centers, Databases and Tools. (Company Business and Marketing)**  
Gordon-Murnane, Laura  
Searcher, 8, 8, 62  
Sept, 2000  
ISSN: 1070-4795 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 4909 LINE COUNT: 00426

... subscription. The annual subscription costs \$390 and the monthly subscription, \$50. You can request a temporary demo password via e - mail for a free trial of Bidengine. Bidengine.com offers Boolean searching (and, or, near, stem...

10/3,K/4 (Item 4 from file: 275)  
DIALOG(R) File 275:Gale Group Computer DB(TM)  
(c) 2004 The Gale Group. All rts. reserv.

02290458 SUPPLIER NUMBER: 54459182 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**\*\*\*\*America Online Members Exposed To Hyperlink Scam 04/22/99.**  
Newsbytes, NA  
April 22, 1999  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 677 LINE COUNT: 00057

... Instant Message -- practices D'Amato called "crude" -- AOL put the "never ask" statement within its e - mail and IM fields, he also said.

At one time, Trojan Horse password sniffing programs were also being sent to AOL members by scammers, Newsbytes notes.  
In general...

10/3,K/5 (Item 5 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2004 The Gale Group. All rts. reserv.

01862397 SUPPLIER NUMBER: 17463978 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
System security: charting the course. (overview of a series articles  
targeted for system/network managers with a background in OpenVMS or  
Unix) (Technology Information)  
Gibbons, Steve  
Digital Systems Journal, v17, n5, p8(2)  
Sep-Oct, 1995  
ISSN: 1067-7224 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 528 LINE COUNT: 00045

... we will devote an entire article to this area. Topics will include  
traditional authentication methods, one - time passwords, secure  
network access and privacy-enhanced electronic mail.  
The remaining articles will cover the basic in securing standalone  
systems, systems on a LAN...

10/3,K/6 (Item 6 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2004 The Gale Group. All rts. reserv.

01779688 SUPPLIER NUMBER: 16892188 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Technologies on display. (Networld+Interop trade show 1995) (includes  
related article on Midrange Systems' editors' travails at show) (Special  
Networld+Interop section)  
MIDRANGE Systems, v8, n6, p29(1)  
March 24, 1995  
ISSN: 1041-8237 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 1159 LINE COUNT: 00098

... Systems  
\* "I'll be looking for good Internet security software. Also, secure  
firewalls, authentication, secure E - mail programs, one - time  
password products. I'll also be looking for new ISDN service and routers  
for the small...

10/3,K/7 (Item 7 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2004 The Gale Group. All rts. reserv.

01651491 SUPPLIER NUMBER: 16256532  
DOD to brief White House on hacker attacks. (data security)  
Brewin, Bob  
Federal Computer Week, v8, n20, p1(2)  
July 25, 1994  
ISSN: 0893-052X LANGUAGE: ENGLISH RECORD TYPE: ABSTRACT

...ABSTRACT: in. Similar procedures will be reflected throughout the  
Department of Defense. New security details include E - mail filters,  
one - time passwords, and secure dial-in. The attack utilized a software  
sniffer, to capture users' logins and...

10/3,K/8 (Item 1 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
(c) 2004 The Gale Group. All rts. reserv.

02749184 Supplier Number: 67580959 (USE FORMAT 7 FOR FULLTEXT)...

CRYPTOAdmin becomes OPSEC(TM) certified by Check Point Software Technologies.

PR Newswire, pl376

Dec 5, 2000

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 587

... an extra layer of security to protect your private email from being accessed by malicious email attackers. By simply requiring the user to supply the correct one - time password before they can access the Exchange server logon page, the server's security is guaranteed...

10/3,K/9 (Item 2 from file: 621)

DIALOG(R)File 621:Gale Group New Prod.Annou.(R)

(c) 2004 The Gale Group. All rts. reserv.

02634768 Supplier Number: 65062773 (USE FORMAT 7 FOR FULLTEXT)

"Web Security is Our Bag, Baby".

PR Newswire, pNA

Sept 7, 2000

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 719

... an extra layer of security to protect your private email from being accessed by malicious email attackers. By simply requiring the user to supply the correct one - time password before they can access the Exchange server logon page, the server's security is guaranteed...

10/3,K/10 (Item 3 from file: 621)

DIALOG(R)File 621:Gale Group New Prod.Annou.(R)

(c) 2004 The Gale Group. All rts. reserv.

01739547 Supplier Number: 53128822 (USE FORMAT 7 FOR FULLTEXT)

ActivCard Gold Delivers Simple and Secure Management of Corporate Credentials.

PR Newswire, p0006

Oct 27, 1998

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 677

... access (RAS and RADIUS), Internet access through firewalls, securing web pages and signing and encrypting e - mail . ActivCard Gold can manage and control digital signatures, one - time use dynamic passwords for strong authentication, and traditional static passwords for network access.

ActivCard Gold is the client...

10/3,K/11 (Item 1 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2004 The Gale Group. All rts. reserv.

10/3,K/11 SUPPLIER NUMBER: 66752645 (USE FORMAT 7 OR 9 FOR FULL TEXT)

(1) Techniques: Microcases.(telecommuting solutions on the Web)(Brief Article)

Inc., 116

March 14, 2000

DOCUMENT TYPE: Brief Article

ISSN: 0162-8968

LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 746 LINE COUNT: 00058

... users to set up accounts for others: McNatt can register a customer's name and E - mail address,--and that customer will receive a ...

temporary user name and password to access the NetEnvelope.  
For \$4.95 a month, users can get a premium service...

10/3,K/12 (Item 1 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

02003218 51411241  
Bold storage  
Mochari, Ilan  
Inc v22n4 PP: 116 Mar 14, 2000  
ISSN: 0162-8968 JRNL CODE: INO  
WORD COUNT: 687

...TEXT: users to set up accounts for others: McNatt can register a customer's name and e-mail address, and that customer will receive a temporary user name and password to access the NetEnvelope.

For \$4.95 a month, users can get a premium service...

10/3,K/13 (Item 2 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

0042091 03-93081  
Making dollars and sense with extranets  
Bort, Julie  
InfoWorld v20n49 PP: 101-102 Dec 7, 1998  
ISSN: 0199-6649 JRNL CODE: IFW  
WORD COUNT: 2265

...TEXT: applications. So use a proxy server on the front end to handle security. Employ an e-mail-based password system that allows end-users to have a temporary password sent to them should they forget theirs. Have the proxy server connect to a Web...

10/3,K/14 (Item 1 from file: 613)  
DIALOG(R)File 613:PR Newswire  
(c) 2004 PR Newswire Association Inc. All rts. reserv.

00496081 20010117TO053 (USE FORMAT 7 FOR FULLTEXT)  
Cisco Secure ACS 2.6 Ships with Cryptoadmin 5.0(TM), Cryptocard's Secure Password Technology  
PR Newswire  
Wednesday, January 17, 2001 12:50 EST  
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 524

...an extra layer of security to protect your private email from being accessed by malicious email attackers. By simply requiring the user to supply the correct one-time password before they can access the Exchange server logon page, the server's security is guaranteed...

16/5/4 (Item 4 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2004 JPO & JAPIO. All rts. reserv.

07564666 \*\*Image available\*\*  
METHOD AND APPARATUS FOR RESTRICTING ACCESS OF USER USING CELLULAR  
TELEPHONE

PUB. NO.: 2003-058507 [JP 2003058507 A]  
PUBLISHED: February 28, 2003 (20030228)  
INVENTOR(s): BRAVO JOSE F  
COVALLA THOMAS A  
APPLICANT(s): INTERNATL BUSINESS MACH CORP (IBM)  
APPL. NO.: 2002-147168 [JP 2002147168]  
FILED: May 22, 2002 (20020522)  
PRIORITY: 01 865026 [US 2001865026], US (United States of America), May  
24, 2001 (20010524)  
INTL CLASS: G06F-015/00; H04Q-007/38

ABSTRACT

PROBLEM TO BE SOLVED: To provide a method and a device for preventing unauthorized access to a restricted item by using a cellular telephone that has been previously associated with a user, for example, during a registration process.

SOLUTION: The user is initially identified, for example, by entering a password, and a one - time pseudo-random token is provided to the user by using a first communication channel. The user is requested to dial a telephone number associated with an access control service by using a cellular telephone that has been previously associated with the user and to enter the assigned token. The user obtains access to the restricted item if the assigned token is entered from a cellular telephone having a serial number that has been previously associated with the particular user.

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16/5/5 (Item 5 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2004 JPO & JAPIO. All rts. reserv.

07473767 \*\*Image available\*\*  
INFORMATION-ISSUING SYSTEM

PUB. NO.: 2002-342285 [JP 2002342285 A]  
PUBLISHED: November 29, 2002 (20021129)  
INVENTOR(s): FURUTA SATOSHI  
APPLICANT(s): NTT DATA CORP  
APPL. NO.: 2001-149920 [JP 2001149920]  
FILED: May 18, 2001 (20010518)  
INTL CLASS: G06F-015/00; G06F-017/60; H04L-009/32; H04M-011/00;  
H04Q-007/38

ABSTRACT

PROBLEM TO BE SOLVED: To provide an information issuing system, capable of improving security, and easily collecting and issuing necessary information.

SOLUTION: A user management terminal 3 conducts authentication processing, based on authentication information transmitted from a portable telephone; and when the authentication is established, the user management terminal 3 issues an one - time password being information for executing authentication for receiving the permission of the issue of information to the portable telephone. Then, the issues one - time password and the identification information of the portable telephone being the target of the issue of the issued one - time password are stored to be made to correspond to each other; the identification information and one - time password issued from an issuing terminal are received; the authentication processing is executed, based on the temporarily stored

information; and when the authentication is established the issuance of the information is permitted.

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16/5/10 (Item 10 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2004 JPO & JAPIO. All rts. reserv.

06898472 \*\*Image available\*\*  
CONTENTS DISTRIBUTION SYSTEM, SERVER, OUTPUT DEVICE AND CHARGING SYSTEM

PUB. NO.: 2001-125982 [JP 2001125982 A]  
PUBLISHED: May 11, 2001 (20010511)  
INVENTOR(s): KAMIYA MITSU HARU  
APPLICANT(s): CASIO COMPUT CO LTD  
APPL. NO.: 11-309989 [JP 99309989]  
FILED: October 29, 1999 (19991029)  
INTL CLASS: G06F-017/60; B41J-029/38; G06F-003/12; G06F-013/00;  
H04H-001/00; H04M-011/08; G09C-001/00

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide a mobile portal site to assist a business model of contents distribution type print service by a network by which places for information request and for receiving print service are not restricted.

SOLUTION: This portal computer 2 is provided with a portal site function regarding the print service such as to set a portal page in a menu form, to display the portal page for the print service on a portable terminal 3 to which access is made via a communication common carrier 1, to accept the request contents of the print service from the portable terminal 3 and to issue a one - time password for confirmation of print reservation in order to indicate the contents of the print service to be provided by an information provider 4 and a marketing company 5 connected with the Internet 5 to the portable terminal 3 and a contents distributing function to distribute the contents and the print specification contents, etc., to a print station 6 according to the contents of print service request of a user who made the print reservation.

COPYRIGHT: (C)2001,JPO

16/5/12 (Item 12 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2004 JPO & JAPIO. All rts. reserv.

06425364 \*\*Image available\*\*  
AUTHENTICATION SYSTEM AND DEVICE

PUB. NO.: 2000-010927 [JP 2000010927 A]  
PUBLISHED: January 14, 2000 (20000114)  
INVENTOR(s): KATOU MASARU  
APPLICANT(s): NEC YONEZAWA LTD  
APPL. NO.: 10-178410 [JP 98178410]  
FILED: June 25, 1998 (19980625)  
INTL CLASS: G06F-015/00; H04Q-007/38; H04L-009/32; H04L-012/28;  
H04M-001/66; H04M-011/00

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide a fast and highly reliable authentication system and also to provide an inexpensive authentication device.

SOLUTION: An authentication device 3 manages a user password request/ notification function for a user, issues a temporary password against a connection request of the user and notifies a user PHS terminal 1 and a remote connection device 4 of the temporary password. The device 4 accepts



connection request from a user PC 2 based on the temporary password and confirms the remote connection of a normal user or an inquiring user to an authentication device 3. The PC 2 performs connection to the device 4 based on the temporary password. The network service 5 is the network resources with which every user enjoys the service.

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16/5/26 (Item 4 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2004 Thomson Derwent. All rts. reserv.

014955881 \*\*Image available\*\*  
WPI Acc No: 2003-016395/200301  
XRPX Acc No: N03-012315

**On-line shopping service providing method through telephone network,  
involves confirming user using temporary password, to provide  
article information retrieved based on purchasing conditions**

Patent Assignee: SAMSUNG ELECTRONICS CO LTD (SMSU )

Inventor: HONG Y J; HONG Y

Number of Countries: 003 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020112169	A1	20020815	US 2001988672	A	20011120	200301 B
JP 2002251533	A	20020906	JP 2001355193	A	20011120	200301
KR 2002066447	A	20020817	KR 20016622	A	20010210	200310

Priority Applications (No Type Date): KR 20016622 A 20010210

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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US 20020112169	A1		16	H04L-009/00	
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JP 2002251533	A		13	G06F-017/60	
---------------	---	--	----	-------------	--

KR 2002066447	A			G06F-017/60	
---------------	---	--	--	-------------	--

Abstract (Basic): US 20020112169 A1

NOVELTY - A temporary password and purchasing conditions are received from a user through telephone connection. Article information based on the purchasing conditions, are retrieved. Telephone connection is set to the user and the user is confirmed using the **temporary password**. The retrieved article information is **provided** to user and a transaction is arranged according to user's selection.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for on-line shopping service providing system.

USE - For providing on-line shopping service through telephone network.

ADVANTAGE - Provides a safe and convenient telephone shopping service by using a purchaser's originator telephone number and a temporary password. Achieves high security, since authentication information is valid for only a single transaction. Reduces purchaser's waiting time and telephone charge.

DESCRIPTION OF DRAWING(S) - The figure shows a schematic diagram of telephone shopping service providing system.

pp: 16 DwgNo 2/6

Title Terms: LINE; SHOPPING; SERVICE; METHOD; THROUGH; TELEPHONE; NETWORK;  
CONFIRM; USER; TEMPORARY; PASSWORD; ARTICLE; INFORMATION; RETRIEVAL;  
BASED; PURCHASE; CONDITION

Derwent Class: T01; T05; W01

International Patent Class (Main): G06F-017/60; H04L-009/00

File Segment: EPI

16/5/30 (Item 8 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2004 Thomson Derwent. All rts. reserv.

014603206 \*\*Image available\*\*  
WPI Acc No: 2002-423910/200245

**Radio authentication method using mobile communication system**

Patent Assignee: NEOPLUS (NEOP-N)

Inventor: BAEK Y S

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2002000961	A	20020109	KR 200034682	A	20000623	200245 B

Priority Applications (No Type Date): KR 200034682 A 20000623

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2002000961	A	1	H04Q-007/38	

Abstract (Basic): KR 2002000961 A

NOVELTY - A radio authentication method using a mobile communication system is provided to ensure a reliable security against a hacking by using a one-time password and relieve a financial burden of a system provider and a user by allowing them to use their mobile phone without purchasing an HHC(Hand Held Calculator) for calculating the existing one-time password.

DETAILED DESCRIPTION - A user is connected to an external authentication service provider with a mobile communication terminal. The external authentication service provider transmits a one-time password to the connected user. The external authentication service provider connects to a system through a wire to transmit the one-time password. The user is connected to the system with the one-time password received from the external authentication service provider. The system checks the password transmitted from the external authentication service provider and the user password and allows a connection authentication to the connected user.

pp; 1 DwgNo 1/10

Title Terms: RADIO; AUTHENTICITY; METHOD; MOBILE; COMMUNICATE; SYSTEM

Derwent Class: W01

International Patent Class (Main): H04Q-007/38

File Segment: EPI

16/5/31 (Item 9 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014586514 \*\*Image available\*\*

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Authentication system for performing electronic shopping through network, has authentication server which requests for ID provided to user terminal in response to connection request from user terminal

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Abstract (Basic): EP 1186984 A2

NOVELTY - An authentication server (3) requests for transmission of

ID (2) which is provided in an IC card removable from user terminal (1) in response to the connection request from the terminal connected to a network (6). The authentication is performed according to the pass/fail result of verification of the transmitted ID.

USE - For authenticating user performing electronic shopping through a network using communication terminal e.g. portable phone, PHS, PDA, and set top box.

ADVANTAGE - Key input of the personal information from the user terminal is avoided, as authentication is performed by verifying ID which is individually set in each user terminal. Hence personal information is protected from being revealed by a third party and security of the information is ensured. Since the need to **issue temporary passwords** is eliminated, the costs for security measures are reduced.

DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of the authentication system.

User terminal (1)

ID (2)

Authentication server (3)

Network (6)

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